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ABSTRACT

E<sup>1</sup>  
Provided are *Moraxella catarrhalis* BASB034 polypeptides and immunogenic fragments of BASB034 polypeptides. Preferably, the immunogenic fragments have at least 15 amino acids that match an aligned contiguous segment of SEQ ID NOs:2, 4, 6 or 8. The immunogenic fragments, when administered to a subject in a suitable composition (which can include an adjuvant, or a suitable carrier coupled to the fragment) raise an immune response that recognizes a polypeptide having the sequence of SEQ ID NOs:2, 4, 6 or 8. The invention further provides immunogenic compositions containing BASB034 polypeptides and immunogenic fragments thereof, and a pharmaceutically acceptable carrier. Also provided are fusion proteins that contain BASB034 polypeptides and immunogenic fragments thereof.

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